

FIG. 1

COMPONENT OF SEPARATION DISK ASSEMBLY

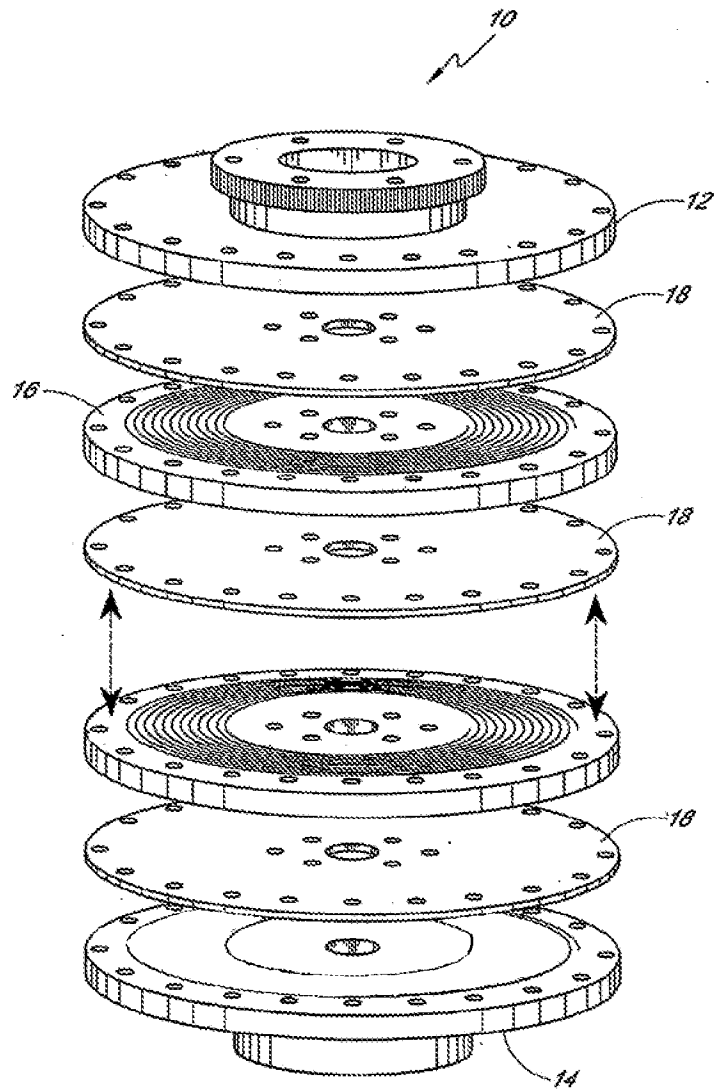


FIG. 2

SEPARATION DISK WITH SINGLE SPIRAL CHANNEL

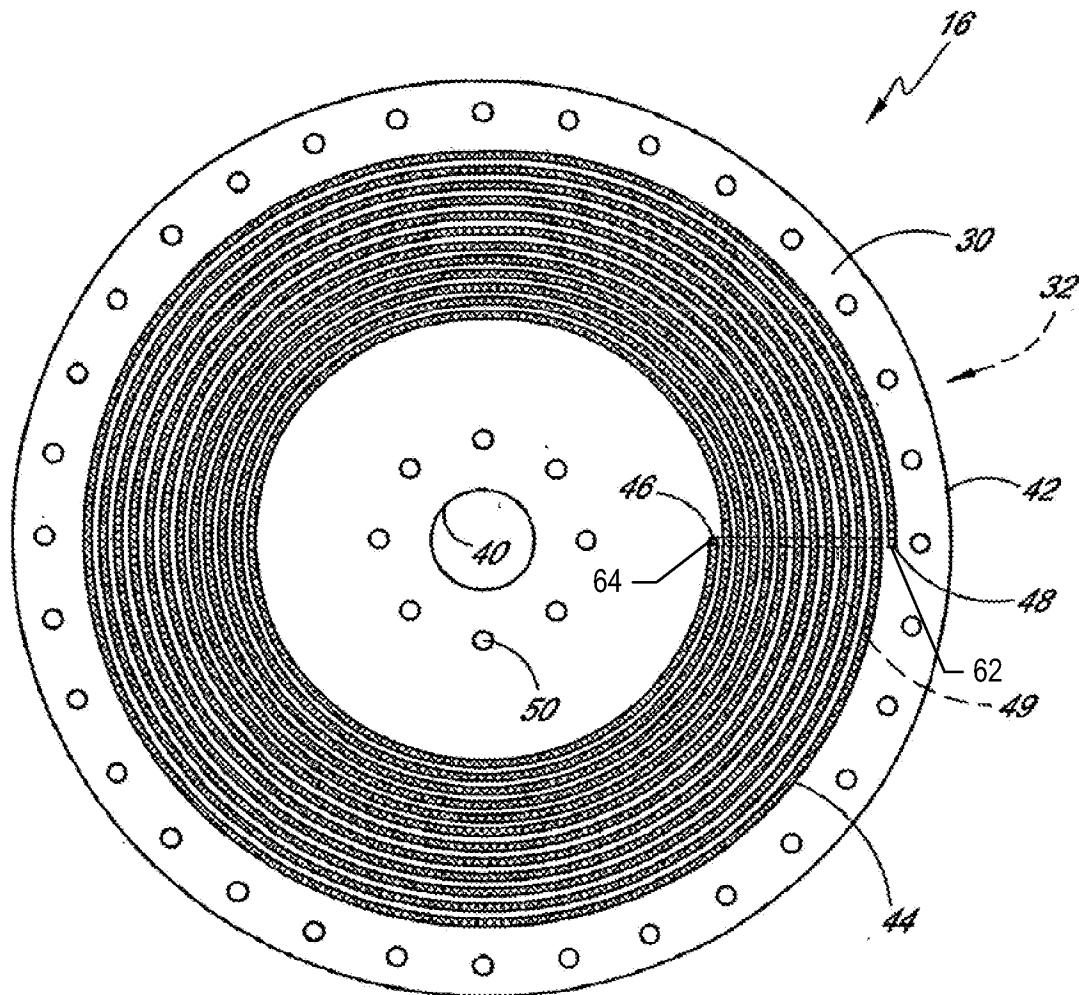


FIG. 3

SEPARATION DISK WITH 4 SPIRAL CHANNELS

FIG. 4A

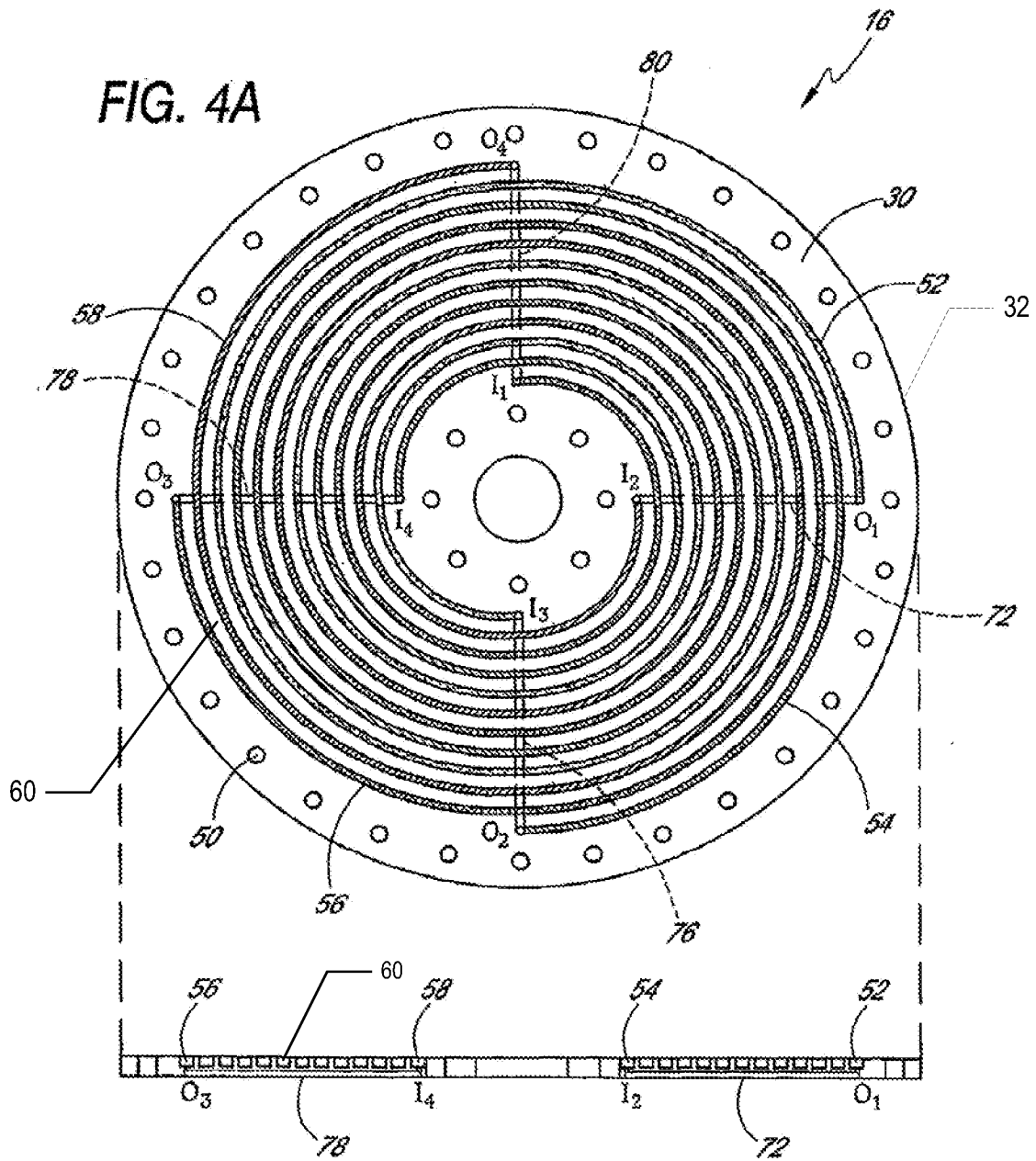
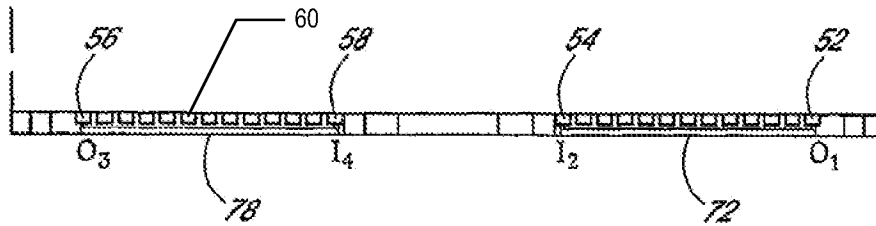


FIG. 4B



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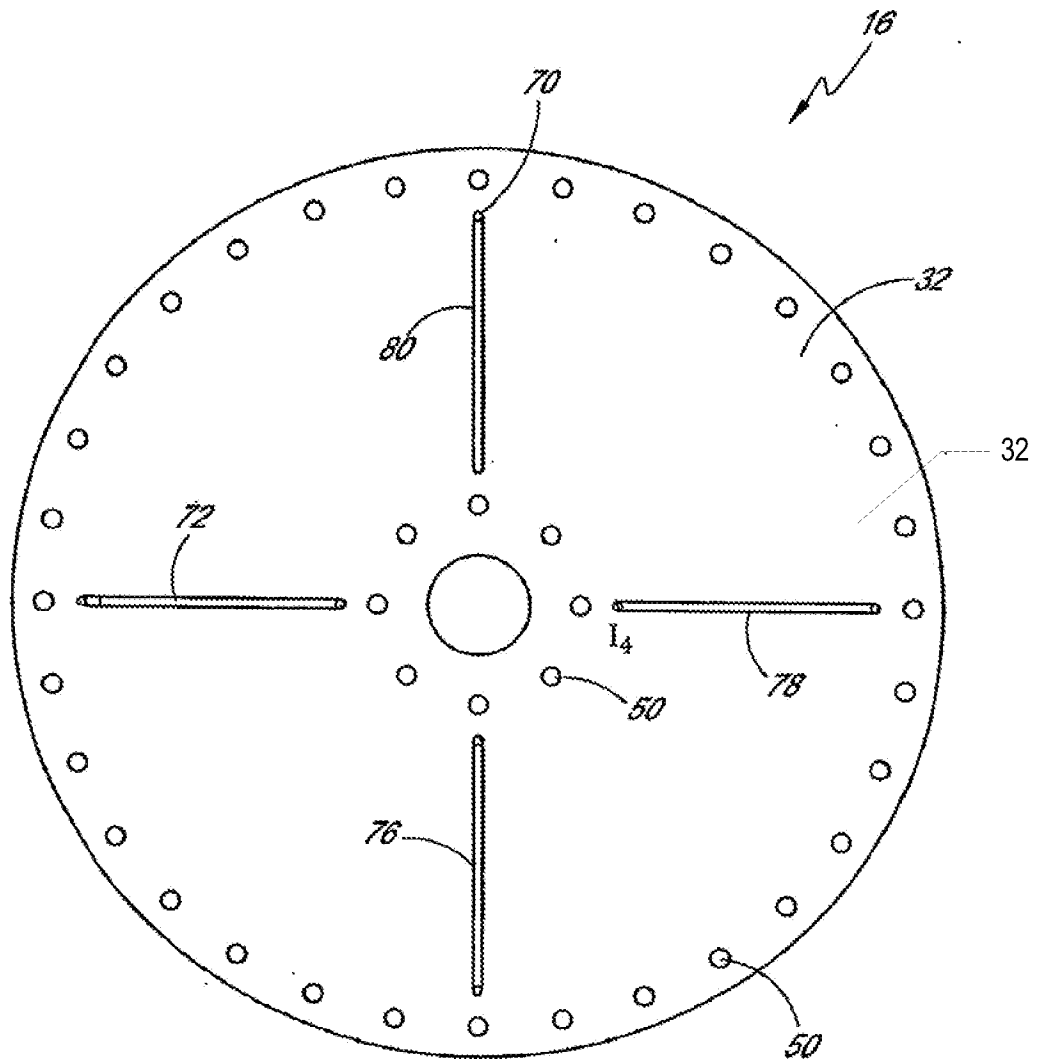
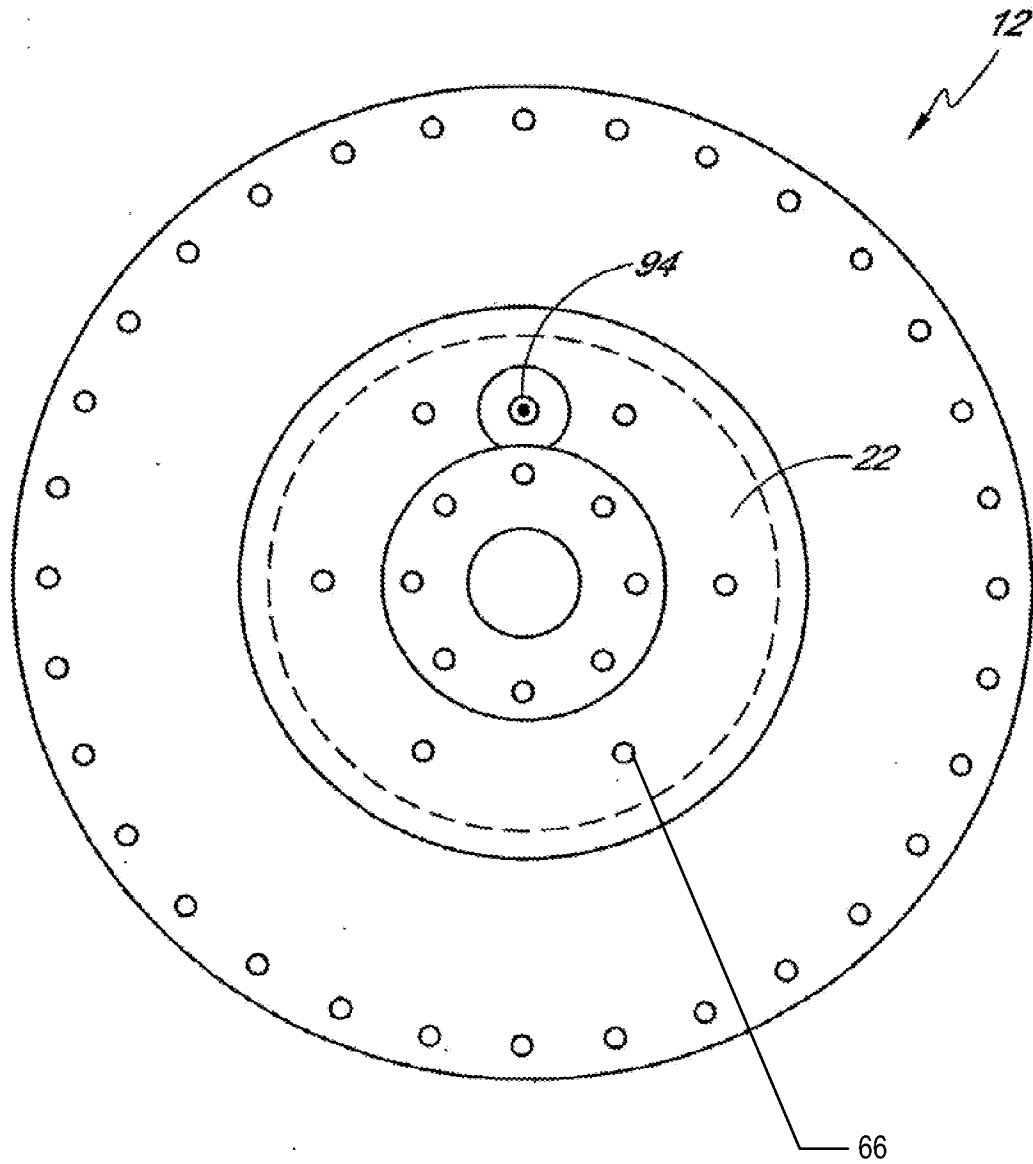


FIG. 4C

UPPER FLANGE WITH A PLASTIC GEAR



**FIG. 6**